

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re NEW Application of:

OKAZAKI et al.

Application No.: (To Be Assigned)

Filed: June 19, 2001

For: **CROSSLINKABLE RESIN COMPOSITIONS**

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter this Preliminary Amendment.

**IN THE CLAIMS:**

Cancel claims 8, 9, 16, 17, 18 and 19, and replace the indicated claims with:

20. A crosslinkable resin composition comprising a compound as defined in claim 1, said resin composition being capable of crosslinking by irradiation with an active energy beam.

21. A method for coating an article, which comprises applying a composition of claim 1 to an article, and then irradiating the composition with an active energy beam.

22. An aqueous crosslinkable resin composition comprising a composition as defined in claim 1, said resin composition being capable of crosslinking by irradiation with an active energy beam.

23. A method of coating an article, which comprises applying a composition of claim 1 to an article, and then irradiating the composition with an active energy beam.

24. An aqueous paint for wood, comprising a composition as defined in claim 1, said paint being capable of crosslinking by irradiation with an ultraviolet light.

25. A method for coating wood, which comprises applying a composition of claim 1 to wood, and then irradiating the composition with an ultraviolet light.

**REMARKS**

Please enter this Amendment so that Claims 8, 9, 16, 17, 18 and 19 are replaced with corresponding singly dependent claims 20-25.

Respectfully submitted,

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CLAIMS PENDING AFTER PRELIMINARY AMENDMENT

1. A crosslinkable resin composition, comprising (A) a polymer which contains a maleimido group and an ethylenically unsaturated group.
2. A crosslinkable resin composition as defined in claim 1, in which said maleimido group is bonded via an ester or urethane linkage to an ethylenically unsaturated group-containing polymer.
3. A crosslinkable resin composition as defined in claim 1, in which said ethylenically unsaturated group is bonded via an ester or urethane linkage to a maleimido group-containing polymer.
4. A crosslinkable resin composition as defined in claim 1, further comprising (B) a compound, other than the component (A), containing an ethylenically unsaturated group.
5. A crosslinkable resin composition as defined in claim 1, in which said ethylenically unsaturated group of the component (A) is acryloyl or methacryloyl group.
6. A crosslinkable resin composition as defined in claim 4, in which the component (b) is a compound having two or more ethylenically unsaturated groups.
7. A crosslinkable resin composition as defined in claim 6, in which said thyleneically unsaturated groups of the component (B) are acryloyl or methacryloyl groups.
10. A crosslinkable resin composition as defined in claim 1, in which said composition is a aqueous crosslinkable resin composition.
11. An aqueous crosslinkable resin composition as defined in claim 10, in which the component (A) is dissolved or dispersed in an aqueous medium.

12. An aqueous crosslinkable resin composition as defined in claim 1, in which the component (A) is a polymer containing a maleimido group, an ethylenically unsaturated group and an acidic group, or a salt of the polymer.

13. An aqueous crosslinkable resin composition as defined in claim 12, in which said acidic group is a carboxyl group.

14. An aqueous crosslinkable resin composition as defined in claim 13, further comprising (B) a compound, other than the component (A), containing two or more ethylenically unsaturated groups.

15. An aqueous crosslinkable resin composition as defined in claim 14, in which said ethylenically unsaturated groups of the component (B) are acryloyl or methacryloyl groups.

20. A crosslinkable resin composition comprising a compound as defined in claim 1, said resin composition being capable of crosslinking by irradiation with an active energy beam.

21. A method for coating an article, which comprises applying a composition of claim 1 to an article, and then irradiating the composition with an active energy beam.

22. An aqueous crosslinkable resin composition comprising a composition as defined in claim 1, said resin composition being capable of crosslinking by irradiation with an active energy beam.

23. A method of coating an article, which comprises applying a composition of claim 1 to an article, and then irradiating the composition with an active energy beam.

24. An aqueous paint for wood, comprising a composition as defined in claim 1, said paint being capable of crosslinking by irradiation with an ultraviolet light.

25. A method for coating wood, which comprises applying a composition of claim 1 to wood, and then irradiating the composition with an ultraviolet light.